ABSTRACT OF THE DISCLOSURE

A method and network system for configuring connections between a plurality of network nodes, wherein each pair of network nodes is connected via virtual direct connections. The invention includes performing quality measurements of the virtual direct connections between each pair of the network nodes, and deciding, based on the results of the quality measurements, whether a virtual direct connection is to be used for conveying data or not, wherein the results of the quality measurements are transmitted to a network configuration control element which performs the deciding step.